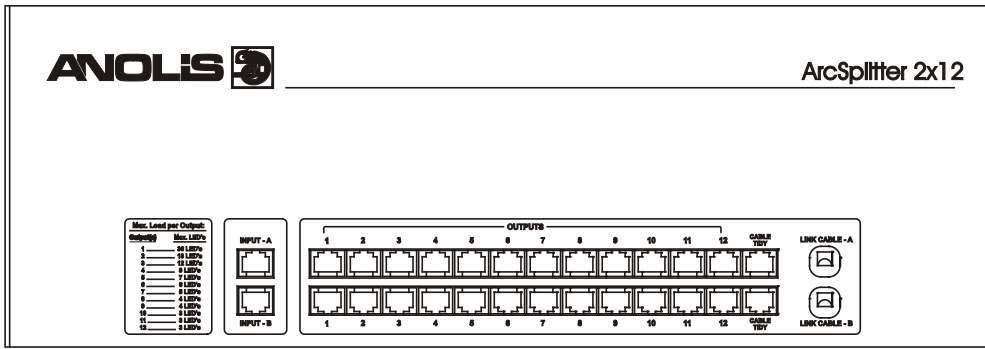


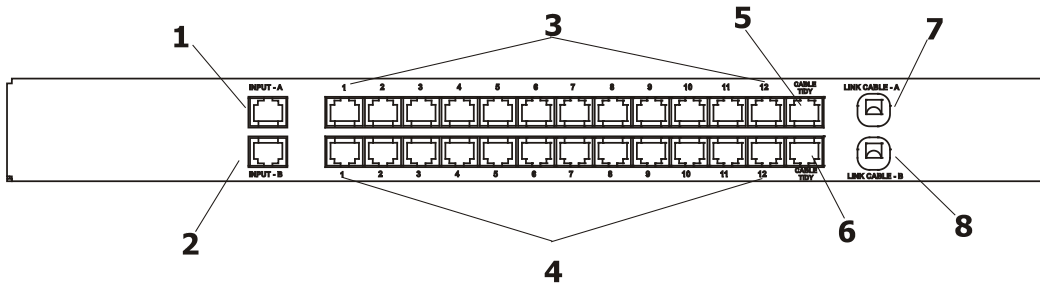
## User instructions

# ArcSplitter 2x12



The ArcSplitter 2x12 divides two LED inputs of the ArcPower driver (s) into 12 branches .This unit is designed for interior use and should be connected to the ArcPower (ArcPower/K2) drivers only.

### 1. Fixture exterior view



- 1 - LED input (line A)
- 2 - LED input (line B)
- 3 - LED outputs 1-12 (line A)
- 4 - LED outputs 1-12 (line B)

- 5 - Cable tidy socket (line A)
- 6 - Cable tidy socket (line B)
- 7 - Link cable (line A)
- 8 - Link cable (line B)

### 2. Installation

1. Place the ArcSplitter 2x12 on a non-flammable flat surface in any orientation and fixed it with 4 screws. There are four mounting holes of a diameter of 5 mm in a bottom of the unit housing. It is also possible to install this unit to the rack after installing two rack holders (enclosed).

2. Connect both unit inputs (1),(2) with LED outputs of the ArcPower driver (s).

3. Connect the LED modules to the unit's outputs (3),(4).If you use all outputs in line A or B, connect the corresponding link cable (7) or (8) to the socket marked "CABLE TIDY".This socket is not wired, it is only a "holder" for the link cable to prevent it to hang freely from the unit..

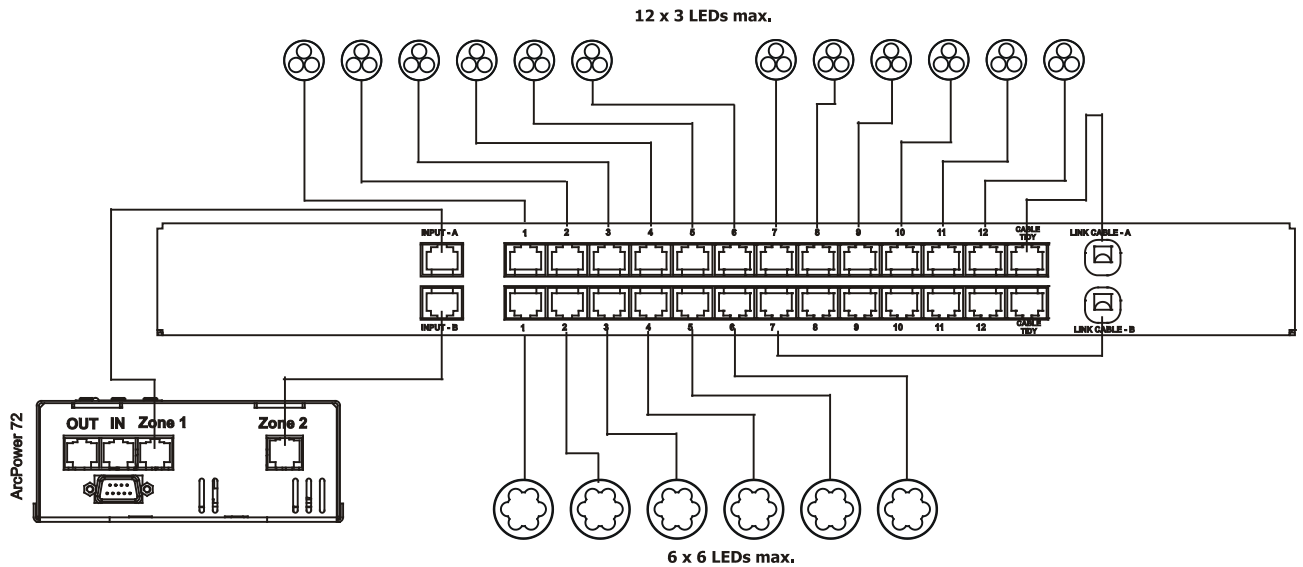
The max. load of each LED output depends on the number of used outputs in the corresponding line (A or B):

Number of used outputs in one line	Max. load per output
1	36 LEDs
2	18 LEDs
3	12 LEDs
4	9 LEDs
5	7 LEDs
6	6 LEDs
7	5 LEDs
8	4 LEDs
9	4 LEDs
10	3 LEDs
11	3 LEDs
12	3 LEDs

Note: One LED output of the ArcPower drivers can be loaded 36 LEDs max.  
 Always connect outputs side by side, starting from output no.1. Do not omit outputs. If you use less than 12 outputs in one line, connect the link cables (7),(8) with the first free output next to the last used.

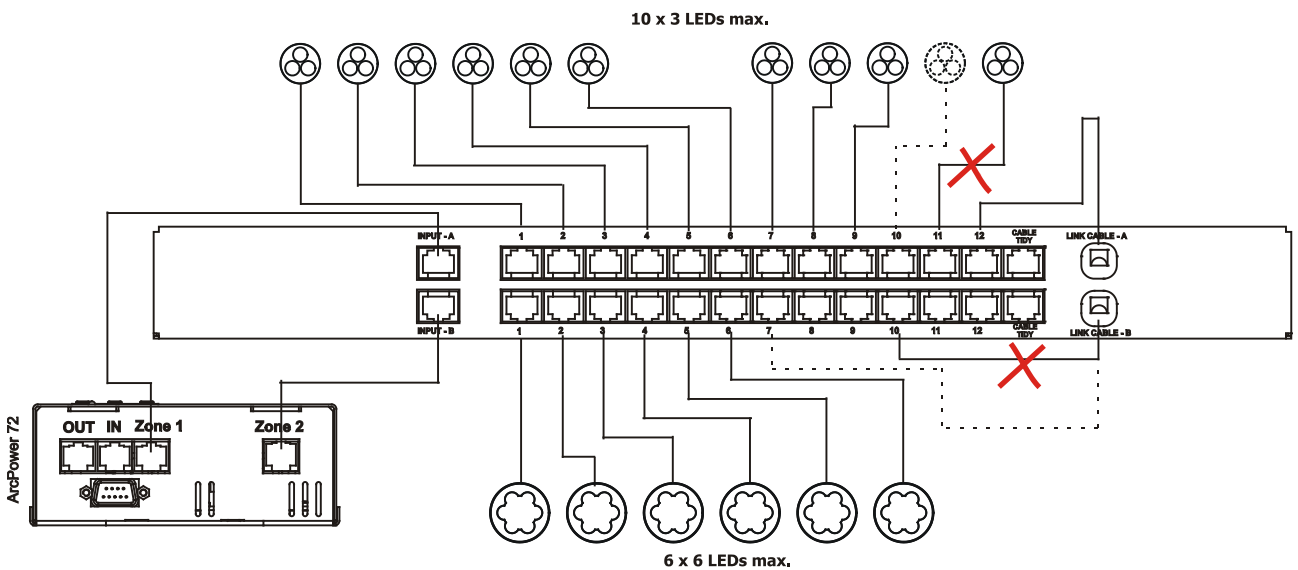
4. Connect the ArcPover driver to the mains.

Example 1 - correct wiring



The line A is fully used and the link cable does not have any function, it is connected to the "CABLE TIDY" socket. The line B can be loaded with 6 LEDs max. per output and the link cable has to be connected to the output no.7.

Example 2 - wrong wiring, connected LED modules will not light



10 outputs of the line A are used but these outputs have to be connected side by side, no output can be omitted (output no.10).  
 In the line B, there is not the link cable connected correctly (the output no.7 has to be connected instead of the output no. 10).

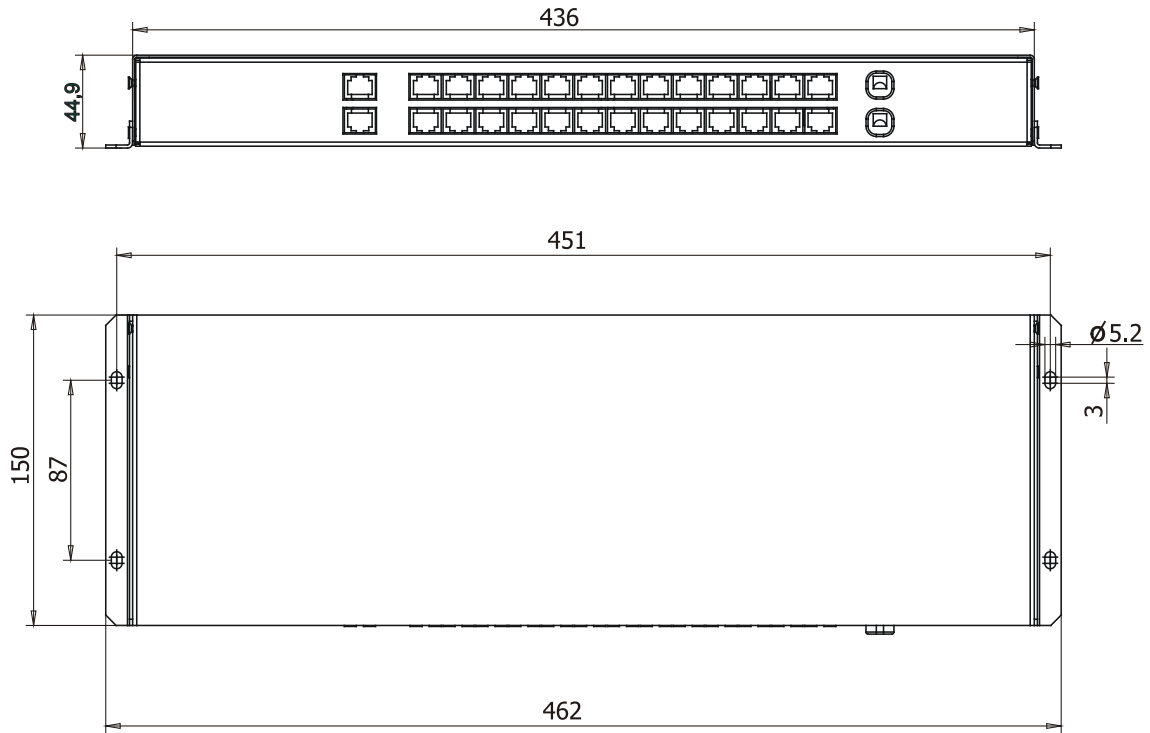
**3. Technical specifications:**

- Number of LED outputs: 2x 12
- LED in/out : RJ 45 sockets
- No extra PSU needed
- Sheet metal housing
- Weight: 1.9 kg

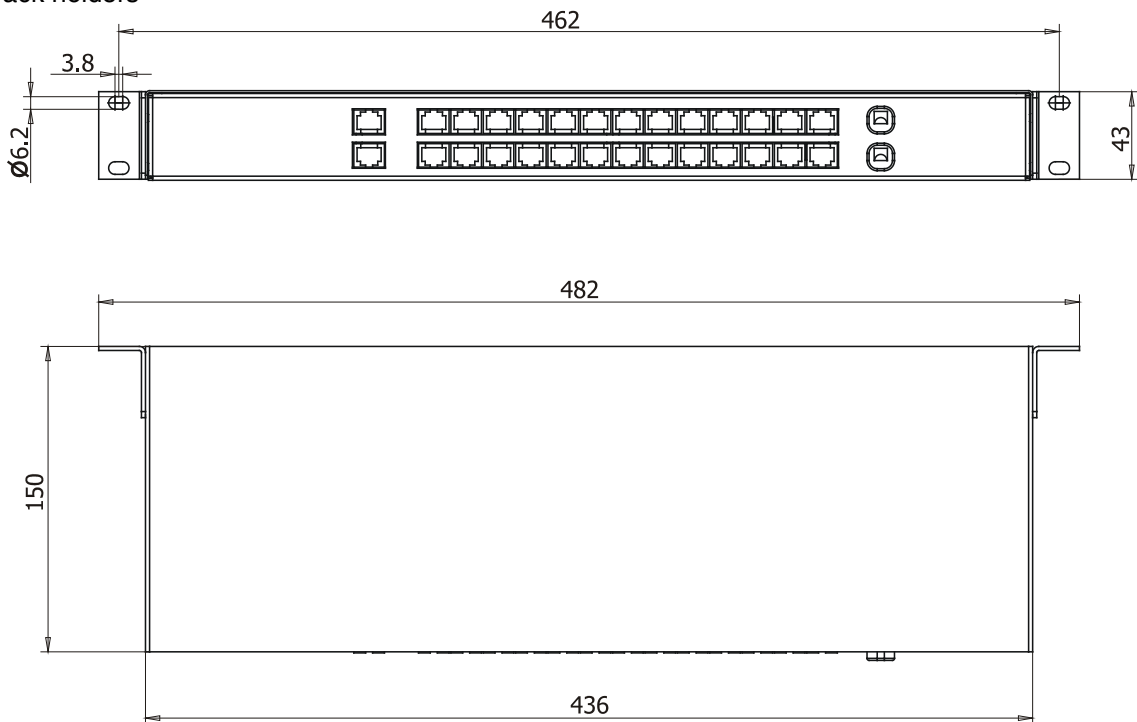
**4. Dimensions:**

(All dimensions are in mm)

Standard version



With rack holders



Ver. 1.0

*Specifications are subject to change without notice.*